Report No.: 8003-343
May 19, 1995
Revised: July 18, 1995
Rev. No.: 2

CONFIDENTIAL

NOT FOR PUBLIC RELEASE

RECOMMENDATION

The Signo Trading/Coty Warehouse (STCW) site is located at 600 Richmond Terrace, Staten Island, Richmond County, New York and is owned by Coty Enterprises, Ltd. The site is situated in an industrial area with a large residential community. Several apartment buildings are located within 200 feet, south of the site. Several private homes are located to the south of the site. The Kill Van Kull lies approximately 100 feet to the north.

In 1983 the Coty Warehouse accepted a shipment of chemicals, predominantly pesticides from Signo Trading International, Ltd. The shipment included sixty three 55 gallon drums and three hundred forty 50 pound bags of chemicals and pesticides. The chemicals were to be temporarily stored at the Coty warehouse until Signo could identify a foreign purchaser to accept shipment overseas. After shipment of the chemicals and pesticides to the warehouse Signo Trading abandoned the shipment.

Removal activities began on June 6, 1986, when the EPA contractor was mobilized to the site. All 63 drums and 340 bags of materials were off-loaded from the trailer, sampled and labeled. The trailer was lined with polyethylene sheeting and the materials reloaded. The trailer was then secured until proper disposal could be arranged. On January 17, 1987, thirty five drums containing various pesticides and 100 bags of kepone were shipped to the Stablex facility in Rock Hill, South Carolina for incineration. Waste profile sheets for the remaining on-site materials were completed by the EPA contractor on March 21, 1987, and removal operations resumed. Seventy bags of calcium arsenate, 29 drums of contaminated debris, railroad ties (used in berm construction around the storage trailer) and protective clothing were shipped to the GSX Services, Inc. Landfill in Pinewood, South Carolina. Approximately 170 bags of reusable materials were accepted by various recycling firms and removed from the site. All metal portions of the trailer were decontaminated, and decon-water was drummed and shipped with the laboratory pack materials to the Stablex facility in South Carolina. All contaminated floorboards were removed from the trailer and shipped with the remaining wastes to the GSX landfill.

Groundwater samples have not been collected in conjunction with any on-site sampling event; therefore, a release of contaminants from the site to groundwater has not been documented. Within four miles of the site, all residents obtain their drinking water from the New York City water supply system. New York City receives all of its water from reservoirs located in upstate New York. On Staten Island, hundreds of wells were installed during droughts for private usage. Most of these wells are used for irrigation, car washing, and pool filling. A small percentage of these private wells could be used for drinking water although this could not be documented. The private wells on Staten Island would not be able to generate a high enough pathway score to score the site using the Hazard Ranking System (HRS) model; therefore, documenting the existence of these wells was not a viable option. The potential groundwater target population within four miles of the site is so small that contamination via groundwater would not score the site.

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Surface water samples have not been collected in conjunction with any on-site sampling event; therefore a release of contaminants from the site to surface water is not documented. There are no potable surface water intakes located along the 15-mile surface water pathway. The nearest downslope surface water body, Kill Van Kull, is located 100 feet north of the site. The Kill Van Kull flows to the east for 1.2 miles to the Narrows. The Narrows flows for 4.2 miles to the Raritan Bay which flows to the 15-mile target distance limit. The entire surface water pathway is tidally influenced. The Raritan Bay, Kill Van Kull, and the Narrows are utilized as fisheries downstream of the site. Sensitive environments along the surface water pathway include 10.2 miles of wetland frontage along the Raritan Bay and a habitat for one Federally listed endangered species. In addition, Kill Van Kull, and Raritan Bay are NJDEP classified as a SE3 (saline) water body. Designated uses of such a waterbody include the maintenance and migration of fish populations and the maintenance of wildlife. The dilution weight of the Kill Van Kull along with the amount of documentable contamination spilled at the site give the surface water pathway a low probability for scoring the site.

Soil samples have not been collected in conjunction with any on-site sampling event. There are no schools, day care facilities, or sensitive environments within 200 feet of the property boundary. Several apartment buildings are located within 200 feet of the site property. The apartment buildings are all located behind and upslope of the site. The site is currently active with 45 on-site workers. Scoring the site due to resident the resident population living within 200 feet of observed contamination on their properties is highly unlikely. The documentation received states that all of the residential properties are upslope of the site; therefore migration of contamination to these properties is not probable. It is highly unlikely that the number of off-site workers which would be required to generate a site score via the soil pathway could be documented within 200 feet of the site.

A release of contaminants from the site to air is not documented. There are 361,289 people who reside within a four mile radius of the site. There are approximately 15 acres of wetlands located within four miles of the site. One Federally listed endangered species habitat has been identified within four miles of the site.

The above information supports a recommendation of **NO FURTHER REMEDIAL ACTION PLANNED (NFRAP)** for the Signo Trading/Coty Warehouse site. The following is the definition of a NFRAP: To the best of the EPA's knowledge, Superfund has completed its assessment at this site, and has determined that no further steps to list this site on the NPL will be taken unless information indicating that this decision was not appropriate or other considerations make a recommendation for listing appropriate at a later time. A "NFRAP" decision does not necessarily mean that there is no hazard associated with a given site; it means only that based upon available information, the location is not judged to be a potential NPL site.

HRS DOCUMENTATION RECORD
Signo Trading/Coty Warehouse - 06/27/95

1. Site Name: Signo Trading/Coty Warehouse
   (as entered in CERCLIS)

2. Site CERCLIS Number: NJD982181323

3. Site Reviewer: Christopher Bath

4. Date: 4/20/95

5. Site Location: Staten Island/Richmond County/New York
   (City/County,State)

6. Congressional District:

7. Site Coordinates: Single

   Latitude: 40 38'42.0" Longitude: 074 05'39.2"

	Score
Ground Water Migration Pathway Score (Sgw)	0.28
Surface Water Migration Pathway Score (Ssw)	0.00
Soil Exposure Pathway Score (Ss)	0.00
Air Migration Pathway Score (Sa)	6.05

Site Score	3.03

NOTE

EPA uses the terms "facility," "site," and "release" interchangeably. The term "facility" is broadly defined in CERCLA to include any area where hazardous substances have "come to be located" (CERCLA Section 109(9)), and the listing process is not intended to define or reflect boundaries of such facilities or releases. Site names, and references to specific parcels or properties, are provided for general identification purposes only. Knowledge regarding the extent of sites will be refined as more information is developed during the RI/FS and even during implementation of the remedy.

1. WASTESTREAM QUANTITY SUMMARY TABLE, SOURCE: Drums

a. Wastestream ID	
b. Hazardous Constituent Quantity (C) (lbs.)	0.00
c. Data Complete?	NO
d. Hazardous Wastestream Quantity (W) (lbs.)	0.00
e. Data Complete?	NO
f. Wastestream Quantity Value (W/5,000)	0.00E+00

2. SOURCE HAZARDOUS WASTE QUANTITY FACTOR TABLE

a. Source ID	Drums	
b. Source Type	Drums	
c. Secondary Source Type	N.A.	
d. Source Vol.(yd3/gal) | Source Area (ft2)	2000.00	0.00
e. Source Volume/Area Value	4.00E+00	
f. Source Hazardous Constituent Quantity (HCQ) Value (sum of 1b)	0.00E+00	
g. Data Complete?	NO	
h. Source Hazardous Wastestream Quantity (WSQ) Value (sum of 1f)	0.00E+00	
i. Data Complete?	NO	
k. Source Hazardous Waste Quantity (HWQ) Value (2e, 2f, or 2h)	4.00E+00	

Source Hazardous Substances	Depth (feet)	Liquid	Concent.	Units
Antimony	> 2	NO	1.7E+00	ppm
Arsenic	> 2	NO	1.8E+04	ppm
Chromium	> 2	NO	2.5E+00	ppm
Copper	> 2	YES	2.7E+01	ppm
DDD	> 2	NO	5.9E+04	ppm
DDE	> 2	NO	4.2E+02	ppm
DDT	> 2	YES	1.1E+05	ppm
Dimethyl phthalate	> 2	NO	5.5E+01	ppm
Heptachlor	> 2	YES	0.0E+00	ppm
Lead	> 2	YES	4.5E+01	ppm
Malathion	> 2	YES	0.0E+00	ppm
Methoxychlor	> 2	YES	0.0E+00	ppm
Styrene	> 2	NO	1.3E+04	ppm
Xylene, m-	> 2	YES	0.0E+00	ppm
Zinc	> 2	YES	2.4E+01	ppm

1. WASTESTREAM QUANTITY SUMMARY TABLE, SOURCE: bags of kepone

a. Wastestream ID	kepone
b. Hazardous Constituent Quantity (C) (lbs.)	200.00
c. Data Complete?	NO
d. Hazardous Wastestream Quantity (W) (lbs.)	5000.00
e. Data Complete?	NO
f. Wastestream Quantity Value (W/5,000)	1.00E+00

Wastestream Constituent Hazardous Substances	Concent.	Units	Liquid	Qualifier
Kepone	4.0E+00	%	NO	

2. SOURCE HAZARDOUS WASTE QUANTITY FACTOR TABLE

a. Source ID	bags of kepone
b. Source Type	Other
c. Secondary Source Type	N.A.
d. Source Vol.(yd3/gal) | Source Area (ft2)	0.00 | 0.00
e. Source Volume/Area Value	0.00E+00
f. Source Hazardous Constituent Quantity (HCQ) Value (sum of 1b)	2.00E+02
g. Data Complete?	NO
h. Source Hazardous Wastestream Quantity (WSQ) Value (sum of 1f)	1.00E+00
i. Data Complete?	NO
k. Source Hazardous Waste Quantity (HWQ) Value (2e, 2f, or 2h)	2.00E+02

Source Hazardous Substances	Depth (feet)	Liquid	Concent.	Units
Kepone	> 2	NO	0.0E+00	ppm

3. SITE HAZARDOUS WASTE QUANTITY SUMMARY

No.	Source ID	Migration Pathways	Vol. or Area Value (2e)	Constituent or Wastestream Value (2f,2h)	Hazardous Waste Qty. Value (2k)
1	Drums	GW-SW-SE-A	4.00E+00	0.00E+00	4.00E+00
2	bags of kepone	GW-SW-SE-A	0.00E+00	2.00E+02	2.00E+02

4. PATHWAY HAZARDOUS WASTE QUANTITY AND WASTE CHARACTERISTICS SUMMARY TABLE

Migration Pathway	Contaminant Values		HWQVs*	WCVs**
Ground Water	Toxicity/Mobility	1.00E+02	100	10
SW: Overland Flow, DW	Tox./Persistence	1.00E+04	100	32
SW: Overland Flow, HFC	Tox./Persis./Bioacc.	2.00E+08	100	320
SW: Overland Flow, Env	Etox./Persis./Bioacc.	5.00E+08	100	320
SW: GW to SW, DW	Tox./Persistence	1.00E+02	100	10
SW: GW to SW, HFC	Tox./Persis./Bioacc.	5.00E+05	100	56
SW: GW to SW, Env	Etox./Persis./Bioacc.	2.00E+06	100	100
Soil Exposure:Resident	Toxicity	0.00E+00	0	0
Soil Exposure: Nearby	Toxicity	0.00E+00	0	0
Air	Toxicity/Mobility	2.00E+01	100	6

* Hazardous Waste Quantity Factor Values
** Waste Characteristics Factor Category Values

Note: SW = Surface Water
GW = Ground Water
DW = Drinking Water Threat
HFC = Human Food Chain Threat
Env = Environmental Threat

GROUND WATER MIGRATION PATHWAY SCORESHEET
Signo Trading/Coty Warehouse - 06/27/95

GROUND WATER MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release to an Aquifer Aquifer: Upper Pleistocene		
1. Observed Release	550	0
2. Potential to Release		
2a. Containment	10	10
2b. Net Precipitation	10	6
2c. Depth to Aquifer	5	5
2d. Travel Time	35	35
2e. Potential to Release [lines 2a(2b+2c+2d)]	500	460
3. Likelihood of Release	550	460
Waste Characteristics		
4. Toxicity/Mobility	*	1.00E+02
5. Hazardous Waste Quantity	*	100
6. Waste Characteristics	100	10
Targets		
7. Nearest Well	50	0.00E+00
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	0.00E+00
8d. Population (lines 8a+8b+8c)	**	0.00E+00
9. Resources	5	5.00E+00
10. Wellhead Protection Area	20	0.00E+00
11. Targets (lines 7+8d+9+10)	**	5.00E+00
12. Targets (including overlaying aquifers)	**	5.00E+00
13. Aquifer Score	100	0.28
GROUND WATER MIGRATION PATHWAY SCORE (Sgw)	100	0.28

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET
Signo Trading/Coty Warehouse - 06/27/95

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors DRINKING WATER THREAT	Maximum Value	Value Assigned
Likelihood of Release		
1. Observed Release	550	0
2. Potential to Release by Overland Flow		
2a. Containment	10	10
2b. Runoff	25	1
2c. Distance to Surface Water	25	20
2d. Potential to Release by Overland Flow [lines 2a(2b+2c)]	500	210
3. Potential to Release by Flood		
3a. Containment (Flood)	10	0
3b. Flood Frequency	50	0
3c. Potential to Release by Flood (lines 3a x 3b)	500	0
4. Potential to Release (lines 2d+3c)	500	210
5. Likelihood of Release	550	210
Waste Characteristics		
6. Toxicity/Persistence	*	1.00E+04
7. Hazardous Waste Quantity	*	100
8. Waste Characteristics	100	32
Targets		
9. Nearest Intake	50	0.00E+00
10. Population		
10a. Level I Concentrations	**	0.00E+00
10b. Level II Concentrations	**	0.00E+00
10c. Potential Contamination	**	0.00E+00
10d. Population (lines 10a+10b+10c)	**	0.00E+00
11. Resources	5	0.00E+00
12. Targets (lines 9+10d+11)	**	0.00E+00
13. DRINKING WATER THREAT SCORE	100	0.00

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET
Signo Trading/Coty Warehouse - 06/27/95

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors HUMAN FOOD CHAIN THREAT	Maximum Value	Value Assigned
Likelihood of Release		
14. Likelihood of Release (same as line 5)	550	210
Waste Characteristics		
15. Toxicity/Persistence/Bioaccumulation	*	2.00E+08
16. Hazardous Waste Quantity	*	100
17. Waste Characteristics	1000	320
Targets		
18. Food Chain Individual	50	0.00E+00
19. Population		
19a. Level I Concentrations	**	0.00E+00
19b. Level II Concentrations	**	0.00E+00
19c. Pot. Human Food Chain Contamination	**	9.00E-07
19d. Population (lines 19a+19b+19c)	**	9.00E-07
20. Targets (lines 18+19d)	**	9.00E-07
21. HUMAN FOOD CHAIN THREAT SCORE	100	0.00

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET
Signo Trading/Coty Warehouse - 06/27/95

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors ENVIRONMENTAL THREAT	Maximum Value	Value Assigned
Likelihood of Release		
22. Likelihood of Release (same as line 5)	550	210
Waste Characteristics		
23. Ecosystem Toxicity/Persistence/Bioacc.	*	5.00E+08
24. Hazardous Waste Quantity	*	100
25. Waste Characteristics	1000	320
Targets		
26. Sensitive Environments		
26a. Level I Concentrations	**	0.00E+00
26b. Level II Concentrations	**	0.00E+00
26c. Potential Contamination	**	3.25E-03
26d. Sensitive Environments (lines 26a+26b+26c)	**	3.25E-03
27. Targets (line 26d)	**	3.25E-03
28. ENVIRONMENTAL THREAT SCORE	60	0.00
29. WATERSHED SCORE	100	0.00
30. SW: OVERLAND/FLOOD COMPONENT SCORE (Sof)	100	0.00

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT SCORESHEET
Signo Trading/Coty Warehouse - 06/27/95

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT Factor Categories & Factors DRINKING WATER THREAT	Maximum Value	Value Assigned
Likelihood of Release to Aquifer Aquifer: Upper Pleistocene		
1. Observed Release	550	0
2. Potential to Release		
2a. Containment	10	10
2b. Net Precipitation	10	6
2c. Depth to Aquifer	5	5
2d. Travel Time	35	35
2e. Potential to Release [lines 2a(2b+2c+2d)]	500	460
3. Likelihood of Release	550	460
Waste Characteristics		
4. Toxicity/Mobility/Persistence	*	1.00E+02
5. Hazardous Waste Quantity	*	100
6. Waste Characteristics	100	10
Targets		
7. Nearest Intake	50	0.00E+00
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	0.00E+00
8d. Population (lines 8a+8b+8c)	**	0.00E+00
9. Resources	5	0.00E+00
10. Targets (lines 7+8d+9)	**	0.00E+00
11. DRINKING WATER THREAT SCORE	100	0.00

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT SCORESHEET
Signo Trading/Coty Warehouse - 06/27/95

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT Factor Categories & Factors HUMAN FOOD CHAIN THREAT	Maximum Value	Value Assigned
Likelihood of Release		
12. Likelihood of Release (same as line 3)	550	460
Waste Characteristics		
13. Toxicity/Mobility/Persistence/Bioacc.	*	5.00E+05
14. Hazardous Waste Quantity	*	100
15. Waste Characteristics	1000	56
Targets		
16. Food Chain Individual	50	0.00E+00
17. Population		
17a. Level I Concentrations	**	0.00E+00
17b. Level II Concentrations	**	0.00E+00
17c. Pot. Human Food Chain Contamination	**	4.50E-07
17d. Population (lines 17a+17b+17c)	**	4.50E-07
18. Targets (lines 16+17d)	**	4.50E-07
19. HUMAN FOOD CHAIN THREAT SCORE	100	0.00

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT SCORESHEET
Signo Trading/Coty Warehouse - 06/27/95

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT Factor Categories & Factors ENVIRONMENTAL THREAT	Maximum Value	Value Assigned
Likelihood of Release		
20. Likelihood of Release (same as line 3)	550	460
Waste Characteristics		
21. Ecosystem Tox./Mobility/Persist./Bioacc.	*	2.00E+06
22. Hazardous Waste Quantity	*	100
23. Waste Characteristics	1000	100
Targets		
24. Sensitive Environments		
24a. Level I Concentrations	**	0.00E+00
24b. Level II Concentrations	**	0.00E+00
24c. Potential Contamination	**	1.63E-03
24d. Sensitive Environments (lines 24a+24b+24c)	**	1.63E-03
25. Targets (line 24d)	**	1.63E-03
26. ENVIRONMENTAL THREAT SCORE	60	0.00
27. WATERSHED SCORE	100	0.00
28. SW: GW to SW COMPONENT SCORE (Sgs)	100	0.00

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

SOIL EXPOSURE PATHWAY SCORESHEET
Signo Trading/Coty Warehouse - 06/27/95

SOIL EXPOSURE PATHWAY Factor Categories & Factors RESIDENT POPULATION THREAT	Maximum Value	Value Assigned
Likelihood of Exposure		
1. Likelihood of Exposure	550	0
Waste Characteristics		
2. Toxicity	*	0.00E+00
3. Hazardous Waste Quantity	*	0
4. Waste Characteristics	100	0
Targets		
5. Resident Individual	50	0.00E+00
6. Resident Population		
6a. Level I Concentrations	**	0.00E+00
6b. Level II Concentrations	**	0.00E+00
6c. Resident Population (lines 6a+6b)	**	0.00E+00
7. Workers	15	0.00E+00
8. Resources	5	0.00E+00
9. Terrestrial Sensitive Environments	***	0.00E+00
10. Targets (lines 5+6c+7+8+9)	**	0.00E+00
11. RESIDENT POPULATION THREAT SCORE	**	0.00E+00

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.
*** No specific maximum value applies, see HRS for details.

SOIL EXPOSURE PATHWAY SCORESHEET
Signo Trading/Coty Warehouse - 06/27/95

SOIL EXPOSURE PATHWAY Factor Categories & Factors NEARBY POPULATION THREAT	Maximum Value	Value Assigned
Likelihood of Exposure		
12. Attractiveness/Accessibility	100	0.00E+00
13. Area of Contamination	100	0.00E+00
14. Likelihood of Exposure	500	0.00E+00
Waste Characteristics		
15. Toxicity	*	0.00E+00
16. Hazardous Waste Quantity	*	0
17. Waste Characteristics	100	0
Targets		
18. Nearby Individual	1	1.00E+00
19. Population Within 1 Mile	**	2.10E+01
20. Targets (lines 18+19)	**	2.20E+01
21. NEARBY POPULATION THREAT SCORE	**	0.00E+00
SOIL EXPOSURE PATHWAY SCORE (Ss)	100	0.00

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

AIR PATHWAY SCORESHEET
Signo Trading/Coty Warehouse - 06/27/95

AIR MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release		
1. Observed Release	550	0
2. Potential to Release		
2a. Gas Potential to Release	500	450
2b. Particulate Potential to Release	500	200
2c. Potential to Release	500	450
3. Likelihood of Release	550	450
Waste Characteristics		
4. Toxicity/Mobility	*	2.00E+01
5. Hazardous Waste Quantity	*	100
6. Waste Characteristics	100	6
Targets		
7. Nearest Individual	50	2.00E+01
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	1.57E+02
8d. Population (lines 8a+8b+8c)	**	1.57E+02
9. Resources	5	0.00E+00
10. Sensitive Environments		
10a. Actual Contamination	***	0.00E+00
10b. Potential Contamination	***	8.00E+00
10c. Sens. Environments(lines 10a+10b)	***	8.00E+00
11. Targets (lines 7+8d+9+10c)	**	1.85E+02
AIR MIGRATION PATHWAY SCORE (Sa)	100	6.05E+00

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.
*** No specific maximum value applies, see HRS for details.

GROUND WATER PATHWAY AQUIFER SUMMARY
Signo Trading/Coty Warehouse - 06/27/95

No.	Aquifer ID	Type	Overlaying No.	Inter-Connected with	Likelihood of Release	Targets
1	Upper Pleistocene	Non K	0	0	460	5.00E+00

Containment

No.	Source ID	HWQ Value	Containment Value
1	Drums	4.00E+00	10
2	bags of kepone	2.00E+02	10
	Containment Factor		10

Net Precipitation

Net Precipitation (inches)	N.A.

Aquifer: Upper Pleistocene

Type of Aquifer: Non Karst

Overlaying Aquifer: 0

Interconnected with: 0

OBSERVED RELEASE

No.	Well ID	Well Type	Distance (miles)	Level of Contamination

- N/A and/or data not specified

Observed Release Factor 0

POTENTIAL TO RELEASE

Containment		
Containment Factor	10	
Net Precipitation		
Net Precipitation Factor	6	
Depth to Aquifer		
A. Depth of Hazardous Substances	0.00	feet
B. Depth to Aquifer from Surface	0.00	feet
C. Depth to Aquifer (B - A)	0.00	feet
Depth to Aquifer Factor	5	
Travel Time		
Are All Layers Karst?	NO	
Thickness of Layer(s) with Lowest Conductivity	5.00	feet
Hydraulic Conductivity (cm/sec)	1.0E-04	
Travel Time Factor	35	
Potential to Release Factor	460	

Source: 1 Drums

Source Hazardous Waste Quantity Value: 4.00

Hazardous Substance	Toxicity Value	Mobility Value	Toxicity/ Mobility Value
Antimony	10000	1.00E-02	1.00E+02
Arsenic	10000	1.00E-02	1.00E+02
Chromium	10000	1.00E-02	1.00E+02
Copper	100	1.00E-02	1.00E+00
DDD	100	2.00E-07	2.00E-05
DDE	100	2.00E-07	2.00E-05
DDT	1000	1.00E-04	1.00E-01
Dimethyl phthalate	1	1.00E-02	1.00E-02
Heptachlor	1000	1.00E-02	1.00E+01
Lead	10000	1.00E-02	1.00E+02
Malathion	100	1.00E-02	1.00E+00
Methoxychlor	100	1.00E-04	1.00E-02
Styrene	10	1.00E-02	1.00E-01
Xylene, m-	1	1.00E-02	1.00E-02
Zinc	10	1.00E-02	1.00E-01

Source: 2 bags of kepone

Source Hazardous Waste Quantity Value: 200.00

Hazardous Substance	Toxicity Value	Mobility Value	Toxicity/ Mobility Value
Kepone	10000	2.00E-05	2.00E-01

Hazardous Substances Found in an Observed Release

Well No.	Observed Release Hazardous Substance	Toxicity Value	Mobility Value	Toxicity/ Mobility Value

- N/A and/or data not specified

Toxicity/Mobility Value from Source Hazardous Substances:	1.00E+02
Toxicity/Mobility Value from Observed Release Hazardous Substances:	0.00E+00
Toxicity/Mobility Factor:	1.00E+02
Sum of Source Hazardous Waste Quantity Values:	2.04E+02
Hazardous Waste Quantity Factor:	100
Waste Characteristics Factor Category:	10

Population by Well

No.	Well ID	Sample Type	Distance (miles)	Level of Contamination	Population
- N/A and/or data not specified					

Level I Population Factor: 0.00

Level II Population Factor: 0.00

Potential Contamination by Distance Category

Distance Category (miles)	Population	Value
> 0 to 1/4	0.0	0.00E+00
> 1/4 to 1/2	0.0	0.00E+00
> 1/2 to 1	0.0	0.00E+00
> 1 to 2	0.0	0.00E+00
> 2 to 3	0.0	0.00E+00
> 3 to 4	0.0	0.00E+00

Potential Contamination Factor: 0.000

Nearest Well

Level of Contamination: N.A.

Nearest Well Factor: 0.00E+00

Resources

Resource Use: YES

Resource Factor: 5.00E+00

Wellhead Protection Area

No wellhead protection area

Wellhead Protection Area Factor: 0.00E+00